

<i>SERFF Tracking Number:</i>	<i>CCGN-125634462</i>	<i>State:</i>	<i>Arkansas</i>
<i>Filing Company:</i>	<i>Life Insurance Company of North America</i>	<i>State Tracking Number:</i>	<i>38907</i>
<i>Company Tracking Number:</i>	<i>08-4003</i>		
<i>TOI:</i>	<i>L07I Individual Life - Whole</i>	<i>Sub-TOI:</i>	<i>L07I.101 Fixed/Indeterminate Premium - Single Life</i>
<i>Product Name:</i>	<i>Individual Whole Life</i>		
<i>Project Name/Number:</i>	<i>2001 CSO Mortality Table for LINA/LM-19090a</i>		

Filing at a Glance

Company: Life Insurance Company of North America

Product Name: Individual Whole Life

SERFF Tr Num: CCGN-125634462 State: ArkansasLH

TOI: L07I Individual Life - Whole

SERFF Status: Closed

State Tr Num: 38907

Sub-TOI: L07I.101 Fixed/Indeterminate

Co Tr Num: 08-4003

State Status: Approved-Closed

Premium - Single Life

Filing Type: Form

Co Status:

Reviewer(s): Linda Bird

Author: Terri Jones

Disposition Date: 05/12/2008

Date Submitted: 05/05/2008

Disposition Status: Approved

Implementation Date Requested: On Approval

Implementation Date:

State Filing Description:

General Information

Project Name: 2001 CSO Mortality Table for LINA

Project Number: LM-19090a

Requested Filing Mode: Review & Approval

Status of Filing in Domicile: Not Filed

Date Approved in Domicile:

Domicile Status Comments: Filing not required in domicile state of Pennsylvania.

Explanation for Combination/Other:

Market Type: Individual

Submission Type: New Submission

Group Market Size:

Overall Rate Impact:

Group Market Type:

Filing Status Changed: 05/12/2008

State Status Changed: 05/12/2008

Deemer Date:

Corresponding Filing Tracking Number:

Filing Description:

Your department approved the 2001 CSO Mortality Table for new issues (on or after January 1, 2009). It is our intent to comply with all aspects of the state nonforfeiture law including the use of the new mortality table in the above-captioned policy form previously approved by your department. The policy form nonforfeiture values are being updated based on the most recent statutes.

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<i>Company Tracking Number:</i>	<i>08-4003</i>		
<i>TOI:</i>	<i>L071 Individual Life - Whole</i>	<i>Sub-TOI:</i>	<i>L071.101 Fixed/Indeterminate Premium - Single Life</i>
<i>Product Name:</i>	<i>Individual Whole Life</i>		
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An Actuarial Memorandum, demonstrating that updated nonforfeiture values are in compliance with the Nonforfeiture Law, is attached.

Also attached are the policy pages that are impacted by the change. The changed language on the pages has been highlighted for your ease of reference. The pages have also been revised to include (2001 CSO Mortality) as part of the form number.

The Flesch score for the policy (50.71) has not changed from the original filing.

Company and Contact

Filing Contact Information

Terri Jones, Compliance Sr. Specialist
1601 Chestnut St -Two Liberty
Philadelphia, PA 19192

Terri.Jones@CIGNA.com
(215) 761-3941 [Phone]
(215) 761-5609[FAX]

Filing Company Information

Life Insurance Company of North America
1601 Chestnut Street
TL16D
Philadelphia, PA 19192
(215) 761-8442 ext. [Phone]

CoCode: 65498
Group Code: 901

State of Domicile: Pennsylvania
Company Type:

Group Name:
FEIN Number: 23-1503749

State ID Number:

Filing Fees

Fee Required?	Yes
Fee Amount:	\$40.00
Retaliatory?	No
Fee Explanation:	2 Forms
	\$20.00 per form.
Per Company:	No

SERFF Tracking Number: *CCGN-125634462* *State:* *Arkansas*
Filing Company: *Life Insurance Company of North America* *State Tracking Number:* *38907*
Company Tracking Number: *08-4003*
TOI: *L071 Individual Life - Whole* *Sub-TOI:* *L071.101 Fixed/Indeterminate Premium - Single*
 Life
Product Name: *Individual Whole Life*
Project Name/Number: *2001 CSO Mortality Table for LINA/LM-19090a*

COMPANY	AMOUNT	DATE PROCESSED	TRANSACTION #
Life Insurance Company of North America	\$40.00	05/05/2008	20090868

SERFF Tracking Number:	CCGN-125634462	State:	Arkansas
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TOI:	L071 Individual Life - Whole	Sub-TOI:	L071.101 Fixed/Indeterminate Premium - Single Life
Product Name:	Individual Whole Life		
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Correspondence Summary

Dispositions

Status	Created By	Created On	Date Submitted
Approved	Linda Bird	05/12/2008	05/12/2008

<i>SERFF Tracking Number:</i>	<i>CCGN-125634462</i>	<i>State:</i>	<i>Arkansas</i>
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<i>Product Name:</i>	<i>Individual Whole Life</i>		
<i>Project Name/Number:</i>	<i>2001 CSO Mortality Table for LINA/LM-19090a</i>		

Disposition

Disposition Date: 05/12/2008

Implementation Date:

Status: Approved

Comment:

Rate data does NOT apply to filing.

SERFF Tracking Number:	CCGN-125634462	State:	Arkansas
Filing Company:	Life Insurance Company of North America	State Tracking Number:	38907
Company Tracking Number:	08-4003		
TOI:	L071 Individual Life - Whole	Sub-TOI:	L071.101 Fixed/Indeterminate Premium - Single Life
Product Name:	Individual Whole Life		
Project Name/Number:	2001 CSO Mortality Table for LINA/LM-19090a		

Item Type	Item Name	Item Status	Public Access
Supporting Document	Certification/Notice		Yes
Supporting Document	Application		No
Supporting Document	Life & Annuity - Acturial Memo		No
Form	Table of Values (page 3)		Yes
Form	Cash Value (page 7)		Yes

SERFF Tracking Number: CCGN-125634462 State: Arkansas

Filing Company: Life Insurance Company of North America State Tracking Number: 38907

Company Tracking Number: 08-4003

TOI: L071 Individual Life - Whole Sub-TOI: L071.101 Fixed/Indeterminate Premium - Single Life

Product Name: Individual Whole Life

Project Name/Number: 2001 CSO Mortality Table for LINA/LM-19090a

Form Schedule

Lead Form Number: LM-19090a

Review Status	Form Number	Form Type	Form Name	Action	Action Specific Data	Readability	Attachment
	LM-19090a	Policy/Cont	Table of Values (page 3)	Initial			Table of Values (page 3).pdf
		Mortality)	al				
			Certificate:				
			Amendmen				
			t, Insert				
			Page,				
			Endorseme				
			nt or Rider				
	LM-19092a	Policy/Cont	Cash Value (page 7)	Initial			Cash Value (page 7).pdf
		Mortality)	al				
			Certificate:				
			Amendmen				
			t, Insert				
			Page,				
			Endorseme				
			nt or Rider				

1. TABLE OF VALUES

This table lists the various guaranteed values available to you in your policy.

You will find a complete explanation of those options in Sections 7 and 8.

Insured: [James Q. Public]

Male: [Age 35]

Policy Number: [Specimen]

Face Amount: [\$10,000]

Coverage: Whole Life Insurance

End of Policy Year		Cash or Loan Value	Reduced Paid-up Insurance	Extended Term Insurance Years	Days
1	[0	0	0	0
2		0	0	0	0
3		4	25	2	358
4		12	71	7	231
5		21	119	11	184
6		30	163	14	135
7		39	203	16	125
8		48	240	17	305
9		58	278	19	60
10		69	318	20	114
11		79	349	20	358
12		90	382	21	231
13		102	417	22	102
14		113	444	22	214
15		126	475	23	5
16		138	501	23	52
17		151	527	23	99
18		165	554	23	148
19		179	578	23	158
20		193	600	23	135
At age 65		350	771	20	255]

Cash Value

The Cash Value on policy anniversaries is shown in the Table of Values, assuming premiums due have been paid. The Cash Value at any other time will be determined by us with an allowance for the portion of the premiums paid and the time elapsed in the policy year. The basis for determining Cash Value is explained under Basis of Computation. We may delay payment of the Cash Value for a period of no more than six months after you request payment.

If you do not pay a premium within 60 days of the date it is due, the Cash Value of the policy remains the same as it was on that date. After 60 days, the Cash Value will be used to purchase the appropriate paid-up benefits.

If the policy is being continued under one of the Paid-Up Options, you may surrender it for its Cash Value. That Cash Value may not be less than the Cash Value on the previous policy anniversary if the policy is surrendered within 31 days of that anniversary.

Extended Term Insurance

This option is available only if this policy is in the standard premium class. This is shown in the Policy Specifications. The amount of insurance continued in force will be the Face Amount less any Indebtedness. The period of Extended Term Insurance will begin on the due date of the first premium which you did not pay. This period is calculated using the Cash Value less any Indebtedness as a net single premium for the Insured's age nearest birthday. This period is shown in the Table of Values, based on the assumption that there is no Indebtedness.

Reduced Paid-Up Insurance

Instead of having Extended Term Insurance, you may continue this policy as Reduced Paid-Up Insurance. It is payable at the death of the Insured and is effective from the date to which you have paid premiums. The amount of the Reduced Paid-Up Insurance is shown in the Table of Values, based on the assumption that there is no Indebtedness. It is calculated by using the Cash Value less any Indebtedness as a net single premium based on the Insured's age nearest birthday. This option has Cash Value which may be used in the same manner as Cash Value while premiums were being paid.

Basis of Computation of Cash Values

The Commissioner's 2001 Standard Ordinary Mortality Table with interest at *[the interest rate will be based on a value no greater than allowed per the state Standard Non-Forfeiture laws. The current value is 5.00%.]* a year is used to compute all reserves, cash values, net premiums and present values for this policy except those for Extended Term Insurance, which are computed using the Commissioner's 2001 Extended Term Insurance Table with compound interest at *[5.00%]* a year. Cash values of the policy are shown in the Table of Values and are equal at each duration to the excess of the present value at that time per \$1,000 face amount of future guaranteed benefits over the present value of non-forfeiture factors for the remainder of the premium paying period. In all such calculations, death benefits are assumed payable at the end of the policy year of death.

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Rate Information

Rate data does NOT apply to filing.

SERFF Tracking Number: CCGN-125634462 State: Arkansas
Filing Company: Life Insurance Company of North America State Tracking Number: 38907
Company Tracking Number: 08-4003
TOI: L071 Individual Life - Whole Sub-TOI: L071.101 Fixed/Indeterminate Premium - Single Life
Product Name: Individual Whole Life
Project Name/Number: 2001 CSO Mortality Table for LINA/LM-19090a

Supporting Document Schedules

Review Status:

Satisfied -Name: Certification/Notice 05/05/2008
Comments:
Attachment:
Compliance_Certification.pdf

Review Status:

Bypassed -Name: Application 05/05/2008
Bypass Reason: Not applicable to this filing.
Comments:

Review Status:

Satisfied -Name: Life & Annuity - Actuarial Memo 05/05/2008
Comments:
Attachment:
Actuarial Memorandum (LINA Conversion).pdf

COMPLIANCE CERTIFICATION

I, THE UNDERSIGNED OFFICER OF Life Insurance Company of North America

HAVE READ AND UNDERSTAND EACH OF THE APPLICABLE ARKANSAS LAWS, RULES,
REGULATIONS AND BULLETINS; AND

CERTIFY, TO THE BEST OF MY GOOD FAITH, KNOWLEDGE AND BELIEF, THAT THE POLICY
FORMS FILED WITH THIS CERTIFICATION, ARE IN FULL COMPLIANCE WITH ALL
ARKANSAS INSURANCE LAWS, RULES, REGULATIONS AND BULLETINS.



(Original) Signature of Officer*)

Vice- President
(Title of Officer*)

Steve Mellas
(Printed Name of Officer*)

05/05/2008
(Date)

Actuarial Memorandum
Life Insurance Company of North America
2007 Submission

Individual Whole Life Policy Non-Participating Form LM19090a

Purpose of Filing

The 2001 CSO Mortality tables are required to be used on policies with issue dates of 1/1/09 and later. This memorandum describes the methods and formulas used to calculate cash values for this form.

Description of Form

This form is a whole life policy with an endowment at age 100. It provides for a level face amount and a level guaranteed premium level. Key provisions in the contract include a policy loan feature, an automatic policy loan feature, and the ability to add a waiver of premium rider.

This form is used exclusively for conversion from group life policies. State law requires access to guarantee issue individual whole life policies for people who lose their group life coverage. This product is not actively marketed to individuals. The insureds covered under this form are substandard and exhibit high mortality levels.

Interest and Mortality Assumptions

All nonforfeiture values will be calculated using the 2001 CSO Ultimate Mortality tables assuming 80% of the policies are issued to males. Calculations are made assuming premiums are received annually at the beginning of the year and death benefits are paid at the end of the year.

The maximum nonforfeiture interest rate per year for any policy issued in a particular calendar year shall be equal to one hundred and twenty-five percent (125%) of the calendar year statutory interest rate for such policy as defined in the standard valuation law rounded to the nearer one quarter of one percent.

Cash Value Definitions

Cash surrender values provided in all policy years are equal to the minimum cash values defined in Standard Nonforfeiture Law for a level premium whole life plan with an endowment at age 100. All cash values are rounded to the next highest dollar per thousand.

Cash Value Sample Calculations

Below are the formulas and sample calculations using the 2001 CSO table and an interest rate of 5.00%. The issue age assume to be 35 and the cash values are provided at durations 5 and 10.

The cash values will be calculated on a unisex basis. 80% of the covered individuals are assumed to be male. The 2001 CSO table is used.

Formulas

$$v = 1 / (1 + \text{interest rate})$$

${}_t p_x$ = is the probability of someone age x surviving to $x+t$

q_x = probability of someone age dying at the end of the year

A_x = The present value of life insurance coverage with an endowment payment at age 100 = $\sum_t p_x \times q_{x+t} \times v^{t+1}$ (for t equal 0 to $(99-x)$) + ${}_{(100-x)}p_x \times v^{(100-x)}$

\ddot{a}_x = The present value of \$1 paid at the beginning of every year = $\sum_t p_x \times v^t$ for t equal 0 to $(99-x)$

$$E = \text{Expense allowance} = 1.25 \times \text{Min} (40, 1,000 \times A_x \div \ddot{a}_x) + 10$$

NF = The adjusted premium defined in the standard Nonforfeiture Law based on interest rate component of the dynamic nonforfeiture law = $(A_x + E) \div \ddot{a}_x$

$${}_t CV_x = \text{Cash Value at duration } t = 1000 \times A_{x+t} - NF \times \ddot{a}_{x+t}$$

Sample Calculations

$$\begin{aligned} E &= 1.25 \times \text{Min}(40, 143.1538 \div 17.9938) + 10 \\ &= 19.94 \end{aligned}$$

$$\begin{aligned} NF &= (143.1538 + 19.94) \div 17.9938 \\ &= 9.06 \end{aligned}$$

$$\begin{aligned} {}_5 CV_{35} &= 1000 A_{40} - NF \ddot{a}_{40} \\ &= 176.6811 - 9.06 \times 17.2897 \\ &= 21 \text{ (rounded to the higher dollar amount)} \end{aligned}$$

$$\begin{aligned} {}_{10} CV_{35} &= 1000 A_{45} - NF \ddot{a}_{45} \\ &= 217.2242 - 9.06 \times 16.4383 \\ &= 69 \text{ (rounded to the higher dollar amount)} \end{aligned}$$

Paid Up and Extend Term Options

The cash surrender values, less any policy indebtedness, may be used as a single premium to purchase term insurance or paid up insurance under the assumptions of mortality and interest described above. The amount of term insurance during any period of extended insurance is equal to the amount of insurance on the date of default, less any policy indebtedness.

For reduced paid up insurance, the amount of coverage is determined per the following formula:

${}_t\text{RPU}_x$ equals the reduced paid amount for issue age x at duration $t = {}_t\text{CV}_x \div A_{x+t}$

To determine the period of coverage for extended term insurance, the following formulas are used:

M_x is a standard commutation function

${}_t\text{CV}_x = 1,000 \times ((M_{x+t} - M_{x+t+s}) \div D_{x+t})$, where s equals the extend term duration.

$M_{x+t+s} = M_{x+t} - ({}_t\text{CV}_x \times D_{x+t}/1,000)$

Extended years = k where $M_{x+t+k} \geq M_{x+t+s} \geq M_{x+t+k+1}$

Extend days = $365 \times (M_{x+t+k} - M_{x+t+s}) \div (M_{x+t+k} - M_{x+t+k+1})$

I certify that, to the best of my knowledge, this policy's values are not less than the minimum requirements of your state.



Richard P. Smolinski, F.S.A., M.A.A.A.
Senior Director of Operations
April 28, 2008

Table of Cash Values

Life Insurance Company of North America

Custom Whole Life

Cash Value, Reduce Paid Up, and Extended Term

Issue Age 35

End of Policy Year		Cash or Loan Value	Reduced Paid-up Insurance	Extended Term Insurance Years	Days
1	[0	0	0	0
2		0	0	0	0
3		4	25	2	358
4		12	71	7	231
5		21	119	11	184
6		30	163	14	135
7		39	203	16	125
8		48	240	17	305
9		58	278	19	60
10		69	318	20	114
11		79	349	20	358
12		90	382	21	231
13		102	417	22	102
14		113	444	22	214
15		126	475	23	5
16		138	501	23	52
17		151	527	23	99
18		165	554	23	148
19		179	578	23	158
20		193	600	23	135
At age 65		350	771	20	255]

Cash Values are based on a 5.00% interest rate and the 2001 CSO Mortality Table assuming 80% male and 20% female.